

M 5.5, 43 km WNW of Monywa, Myanmar

Origin Time: 2021-10-07 18:28:03 UTC (Fri 00:58:03 local)

Location: 22.3148° N 94.7755° E Depth: 110.0 km

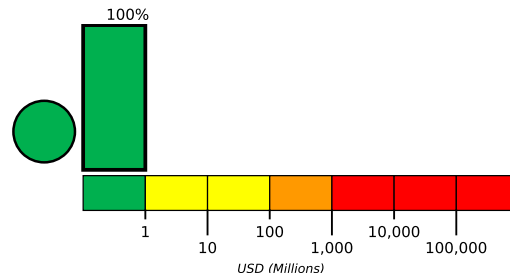
Created: 1 day, 23 hours after earthquake

Estimated Fatalities



Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

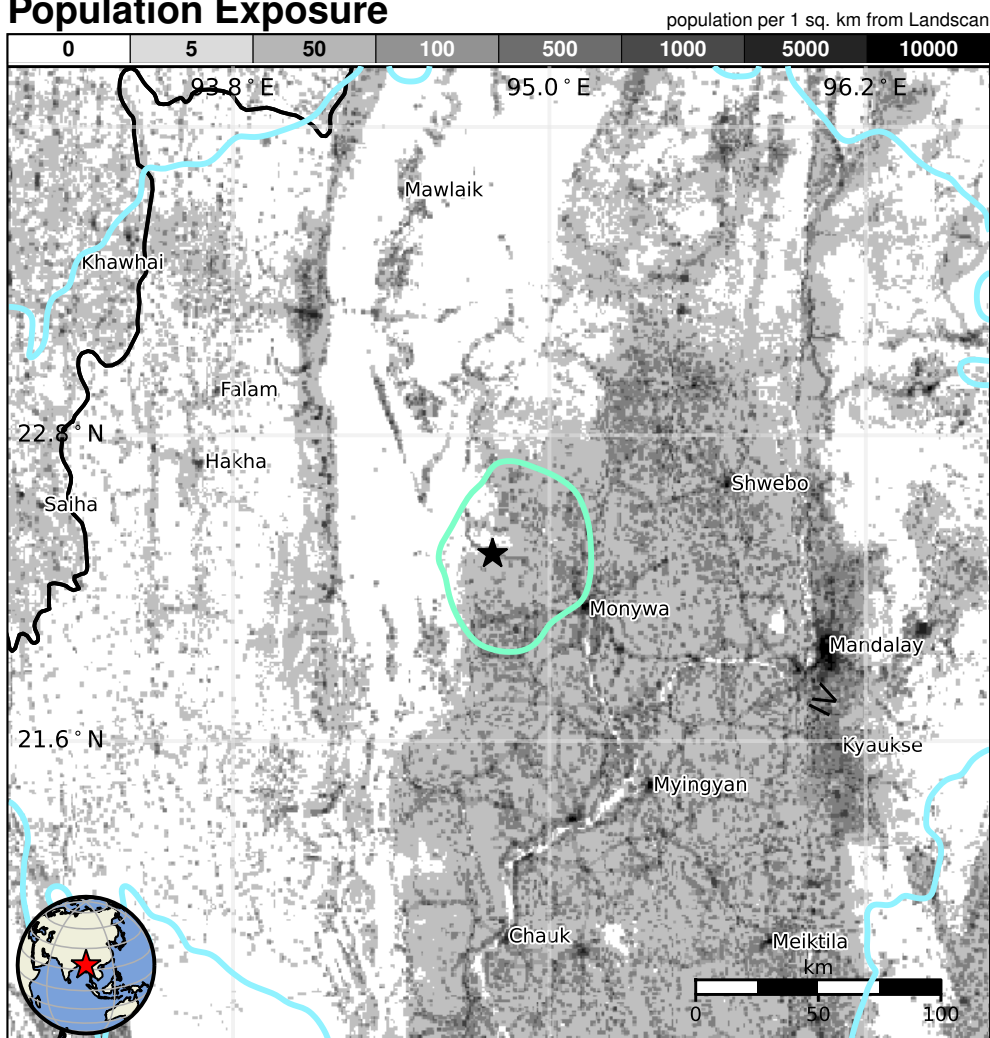


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	525k*	14,107k	796k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are adobe block with wood and rubble/field stone masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2003-07-26	259	5.6	VII(96k)	2
1999-07-22	302	5.2	VII(859k)	6
1984-12-30	327	6.0	IX(4k)	20

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Monywa	182k
IV	Shwebo	89k
IV	Mandalay	1,208k
IV	Sagaing	79k
IV	Pakokku	127k
IV	Myingyan	142k
IV	Pyin Oo Lwin	117k
IV	Chauk	91k
IV	Meiktila	177k
IV	Mogok	91k
IV	Hakha	20k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us6000fsrg#pager>

bold cities appear on map.

(k = x1000)

Event ID: us6000fsrg